

Fig. 1.

図1

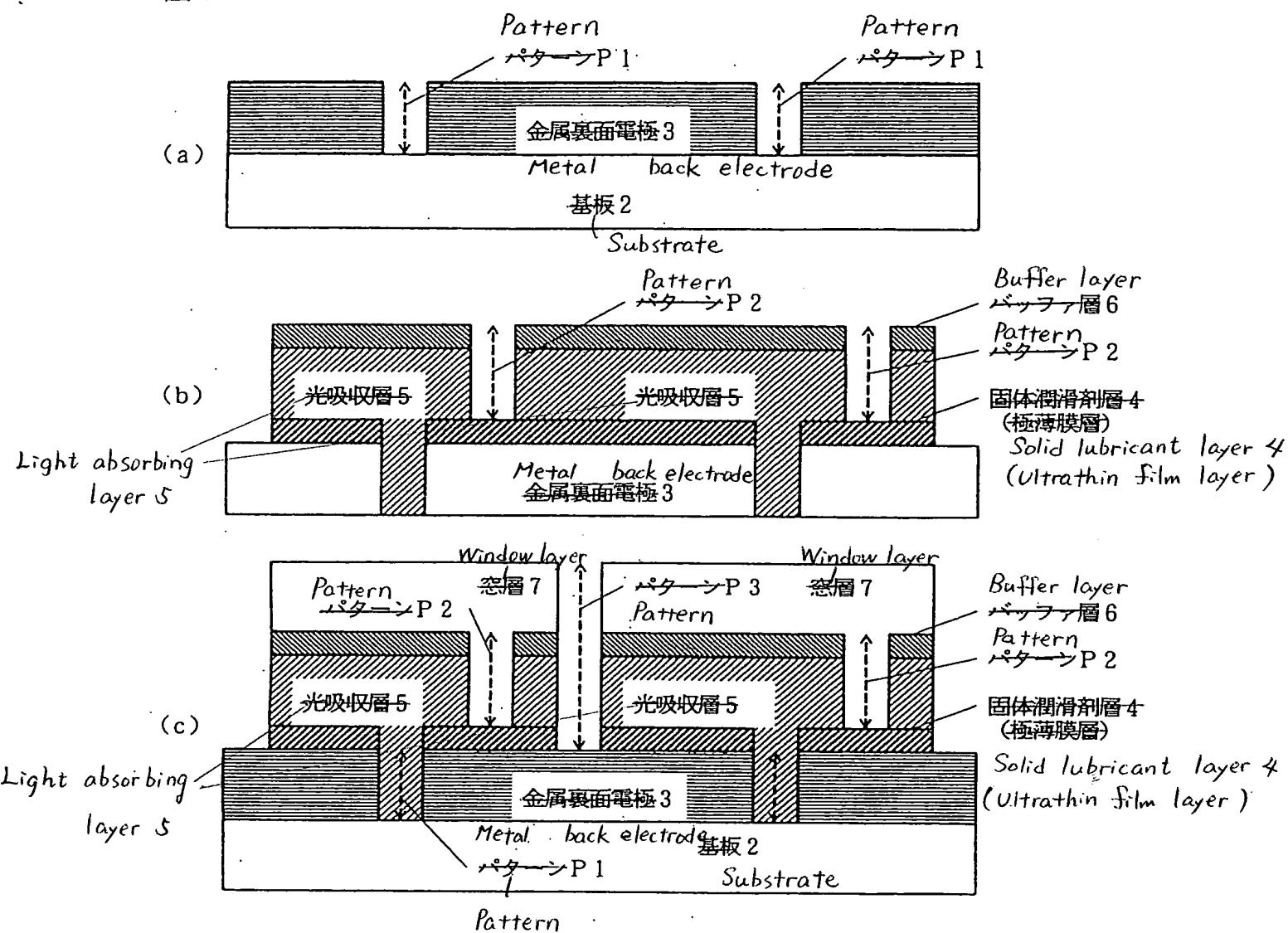
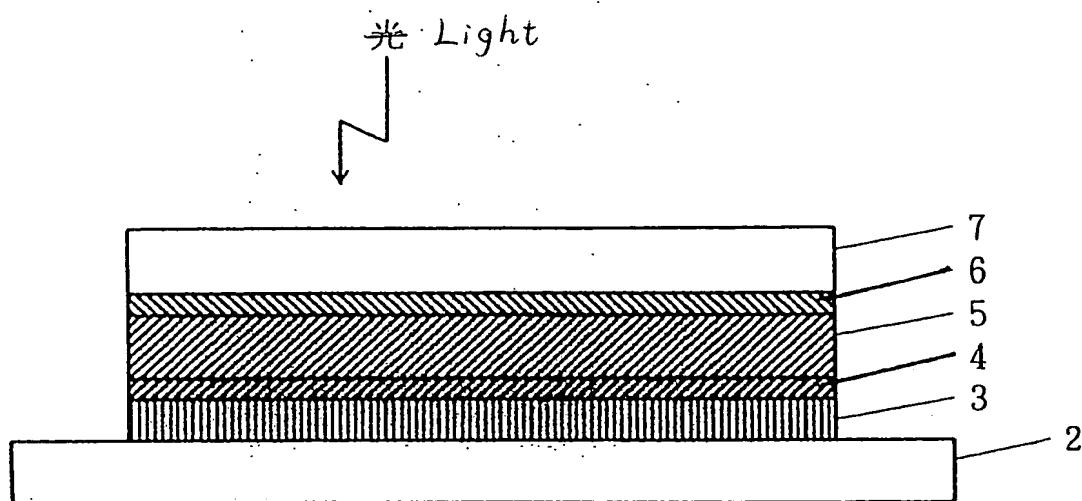


Fig. 2.

図2



Integrated thin-film solar cell 1

2: Substrate

3: Metal back electrode

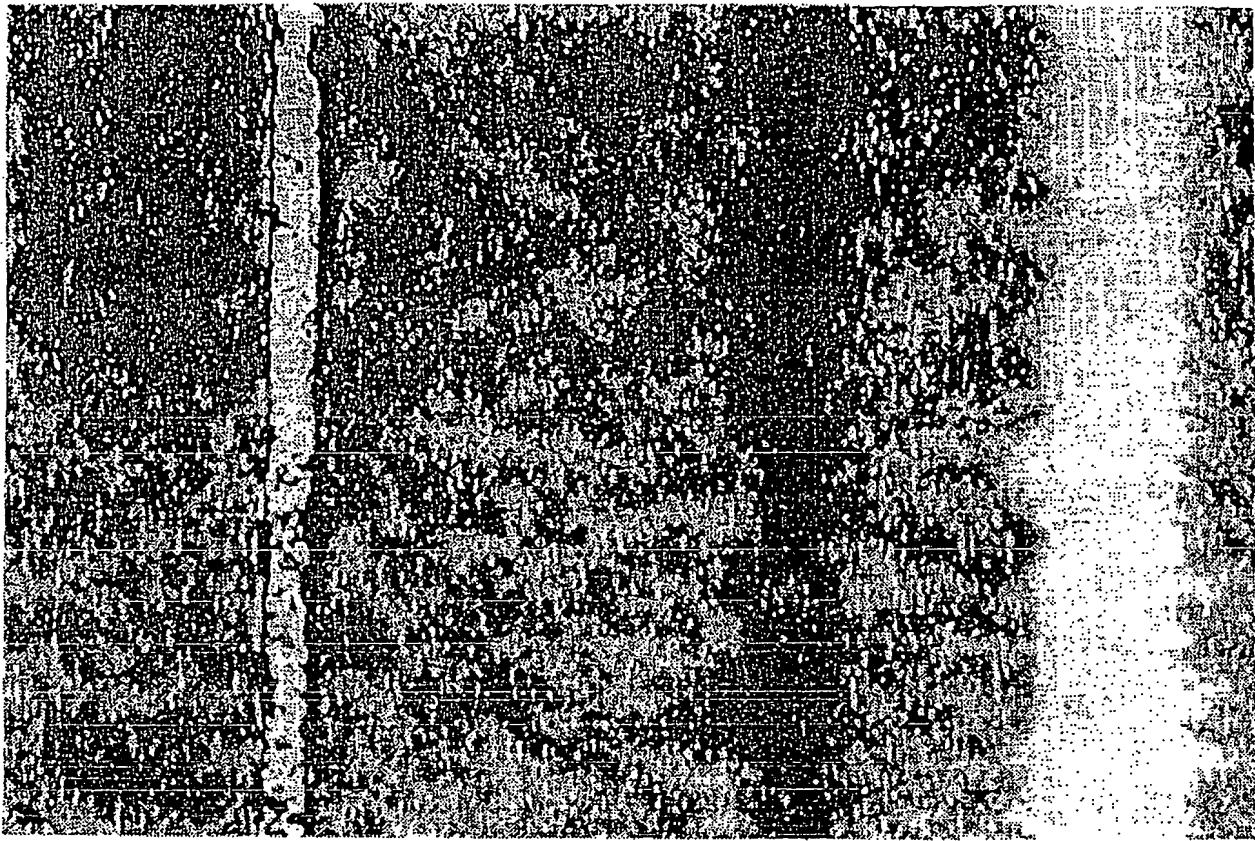
4: Solid lubricant layer

5: Light absorbing layer (p-type)

6: Interface Layer (buffer layer)

7: Window layer (n-type)

Fig. 3
图3



↑
P 1 P 2 P 3
Pattern Pattern Pattern

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Fig. 4.

図4

CIGS light absorbing
layer

MoSe₂ ultrathin layer

Mo metal back
electrode



1
500 Å

Fig. 5
図5

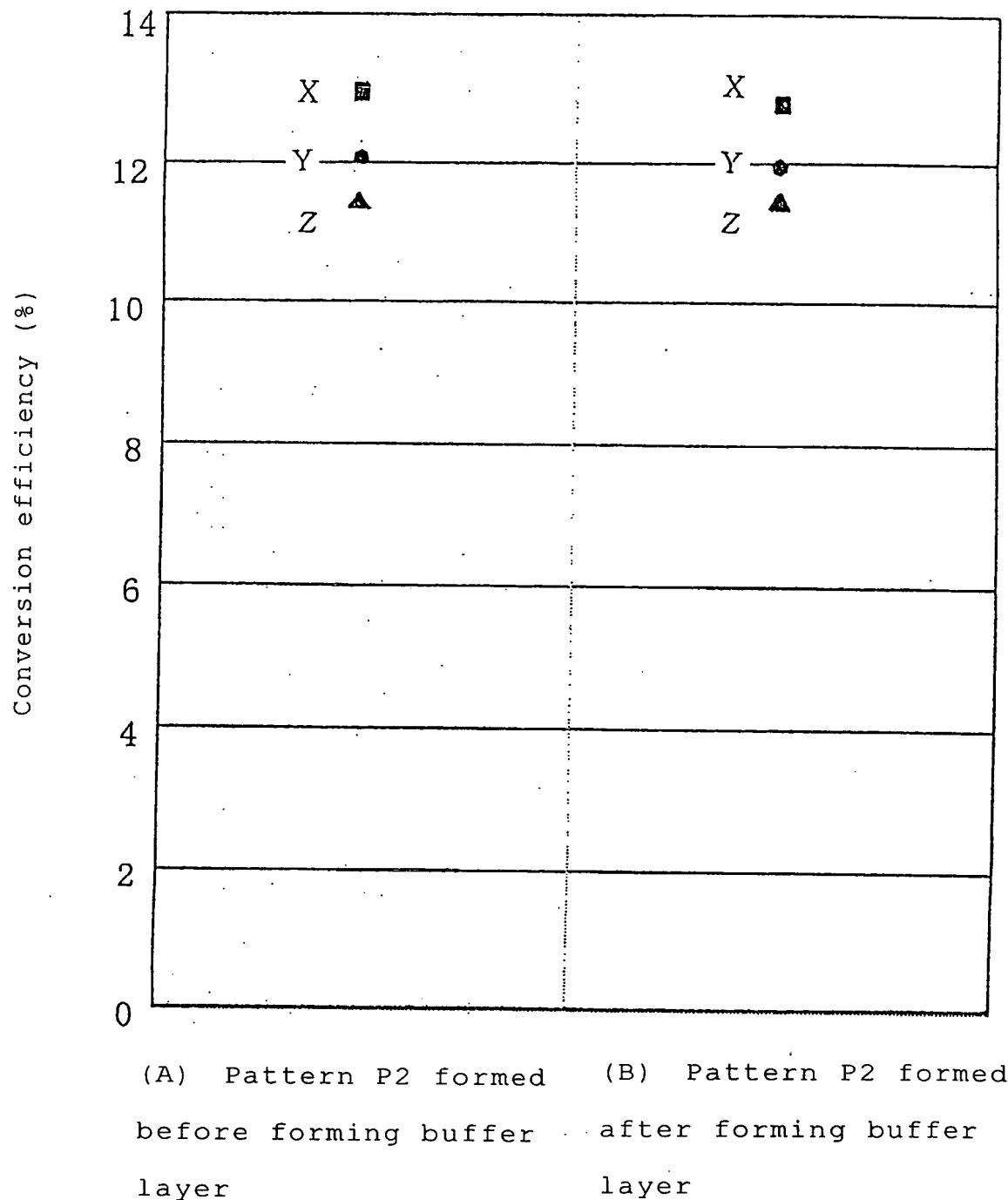
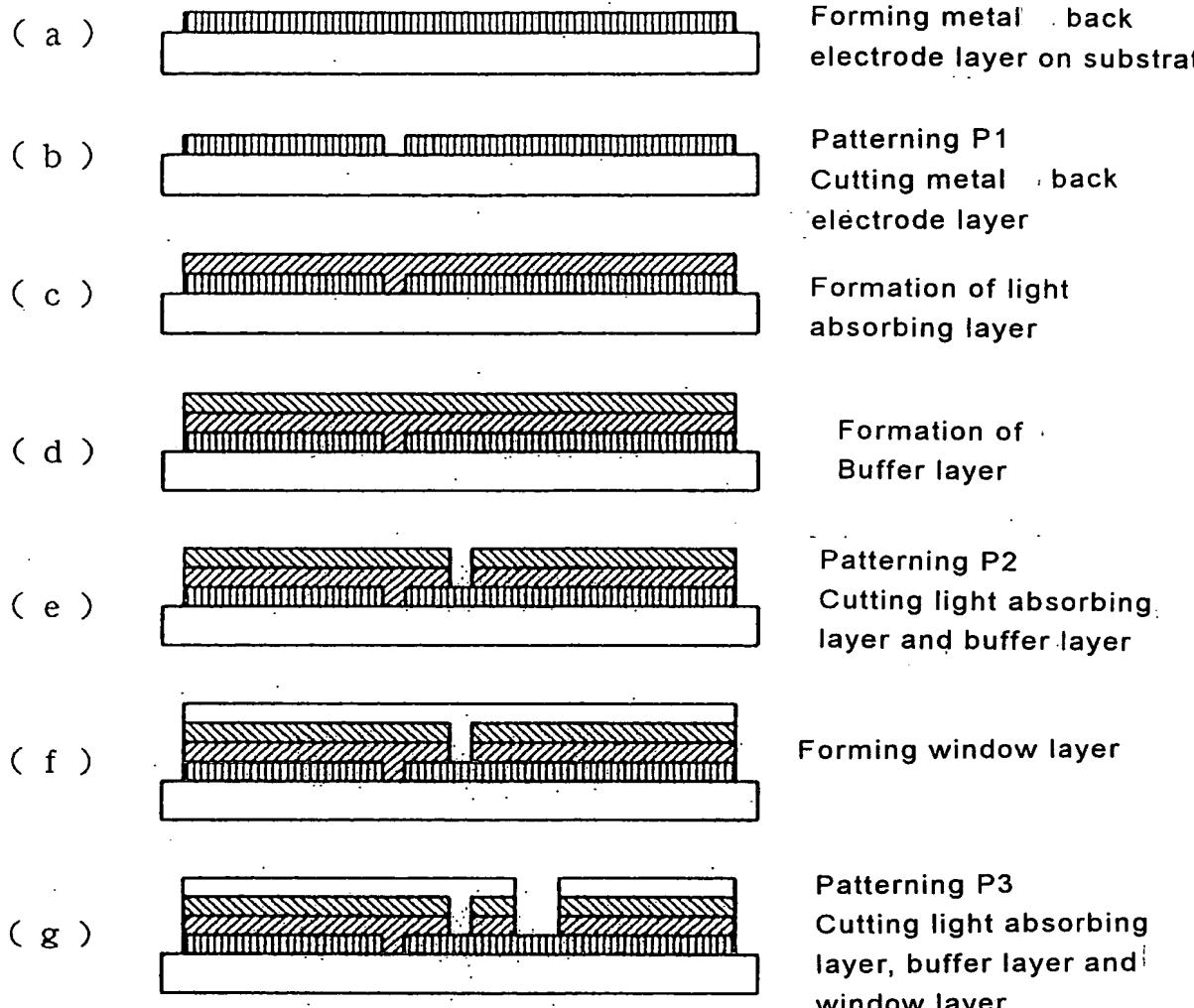


Fig. 6.

6



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